

### 技术参数

声光介质	Crystalline Quartz
声速	5.74 mm/μs
透光孔径*	4 mm 'L' X 4 mm 'H'
中心频率	110 MHz
射频带宽	15 MHz @ -10 dB Return Loss
输入阻抗	50 Ohms Nominal
驻波比	1.2:1 Max
波长	532 nm
插入损耗	1 % Max
单面反射率	0.3 % Max
增透膜标准	MIL-C-48497
光功率密度	
消光比	1000:1 Min
偏振	90° To Mounting Plane

### 波长性能参数

波长(nm)	<b>532</b>
饱和射频功率 (W)	<15W
布拉格角 (mr)	5.1
光束分离角 (mr)	10.2

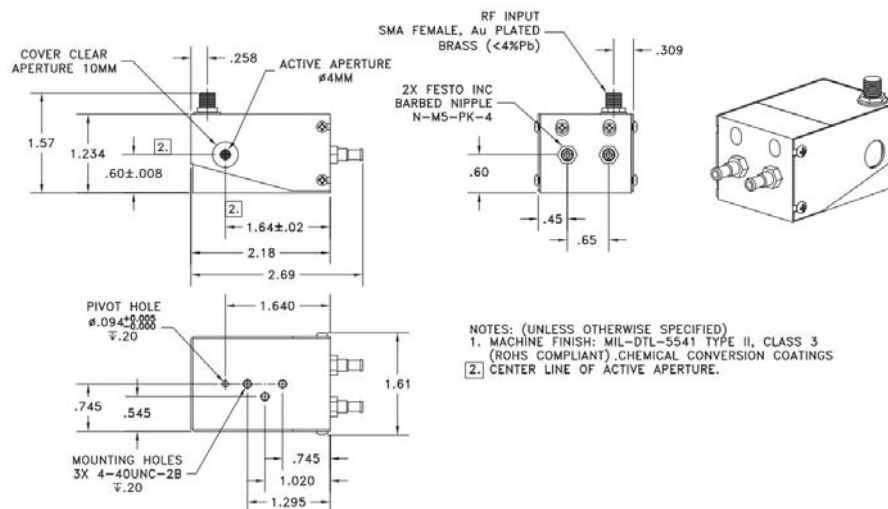
### 光束直径性能参数

光束直径(μm)	<b>2500</b>
波长(nm)	532
衍射效率(%)	>85%
上升时间(ns)	291



\*透光孔径：性能指标适用的光学孔径范围

### 外形尺寸图:



### Document

02/25/2025

### Control

#### Notes:

1. Water channels Metalast plated Aluminum
2. Mechanical outline per 97-03290-01-15
3. Optical window wedge <1'.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 2/20/2025	DESCRIPTION: <b>AOMO 3110-1997</b> Quartz, 532nm		
MATERIAL:	CHK		PART NUMBER: 97-03290-01		
FINISH:	APP		REV: 5	SHEET 1 OF 1	
	APP				